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TI Rapid-setting **concrete**
IN Kalmar-Nagy, Imre
PA Hung.
SO Hung. Teljes, 6 pp.
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IC ICM C04B009-00
CC 58-2 (Cement, Concrete, and Related Building Materials)
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
HU 54594	ICM	C04B009-00
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AB The **concrete** is prepared by mixing portland **cement** 1, high-strength rock (basalt) and/or river pebble 1-3.5, talc 0.5-1.5, quartz sand 0.5-3.5, gypsum 0.5-1.5, MgO 0.05-0.15, MgCl₂ 0.05-0.15, ground scrap **rubber** tires (particle size 10-50 μ m) 0.25-0.75 volume parts. The homogenized material is mixed on-site with water for fast repair of highways, airport runways, etc. The strength of the **concrete** is 1.5-2.0 kg/cm² after 10-20 min setting. **Concrete** specimens having compressive strength 7-10, 45-60, and 130-200 kg/cm² after 1 h, 72 h, and 28 days setting time, resp., were prepared

ST road rapid setting **concrete concrete**
IT Pebbles
Basalt

RL: USES (Uses)

(**concrete** mixes containing, rapid-setting, for repairing highways